

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5996 - L2 Version 3
Chandra X-Ray Center

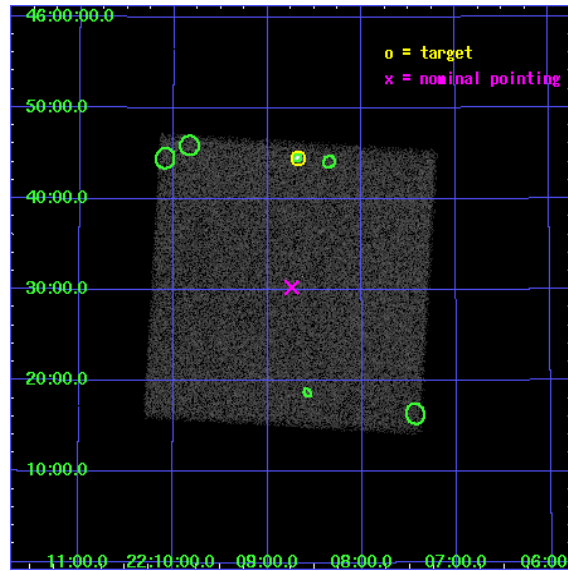
L2 Processing Date : Nov 24 2007

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1 Front

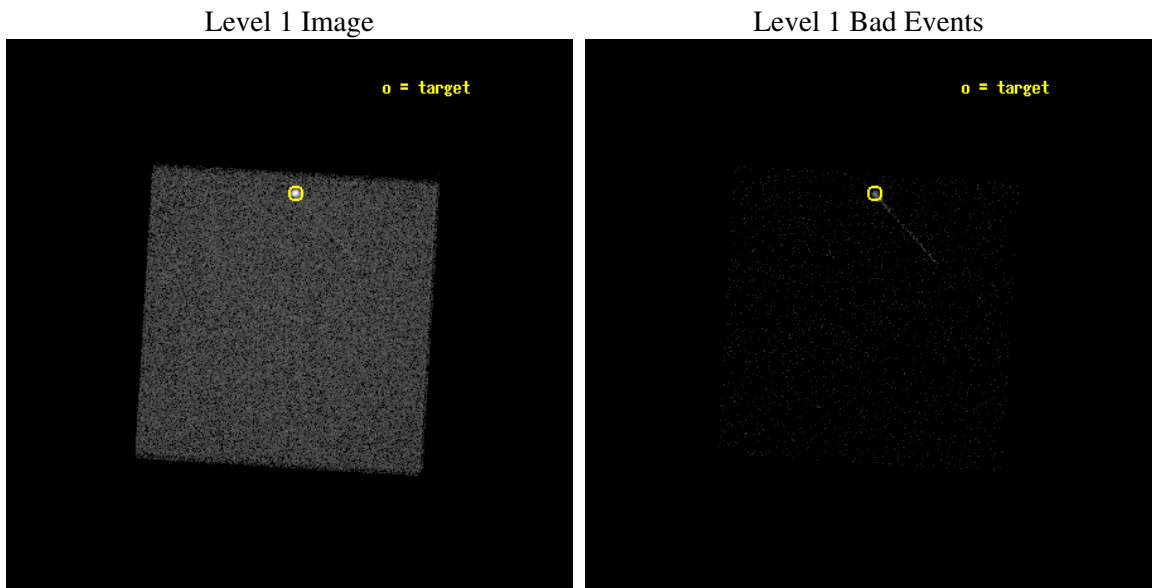
seq_num	290488
obs_id	5996
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.18562951695
dec_nom	45.505148465618
roll_nom	228.47301558287
revision	3
ontime	1112.3813011944
livetime	1098.6612220785
l2events	92969



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-24T17:48:42
revision	3

sched_exp_time	950.000000
ontime	1112.3813011944
l1events	254024

2.1.3 Events

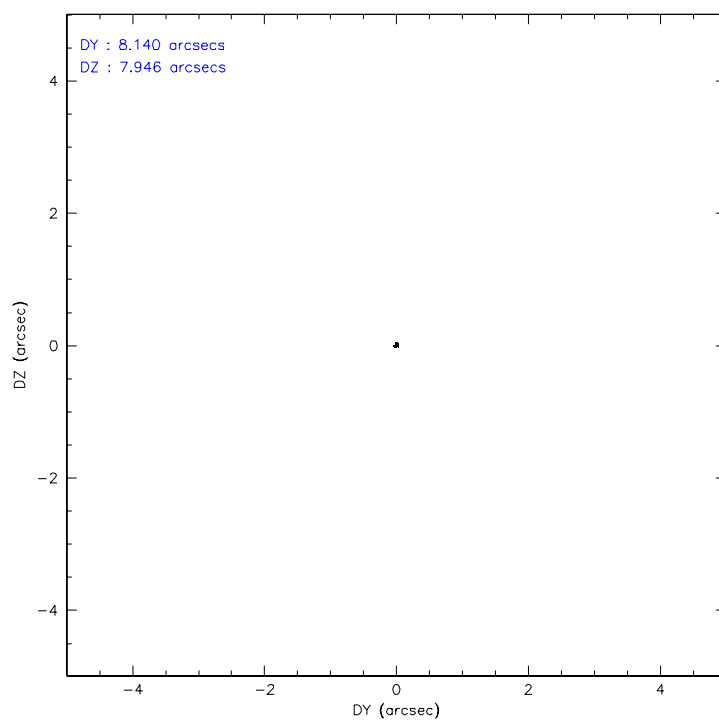
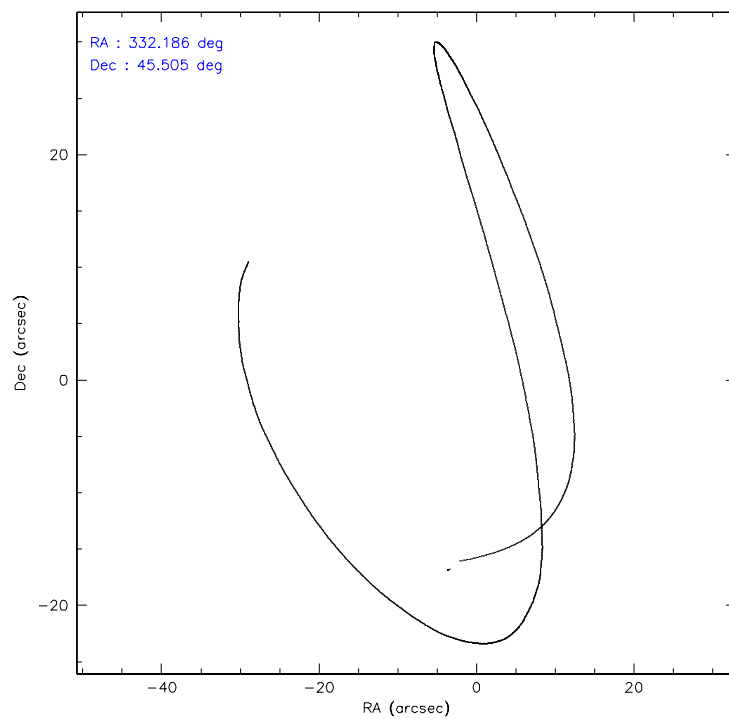
Level 1 Events

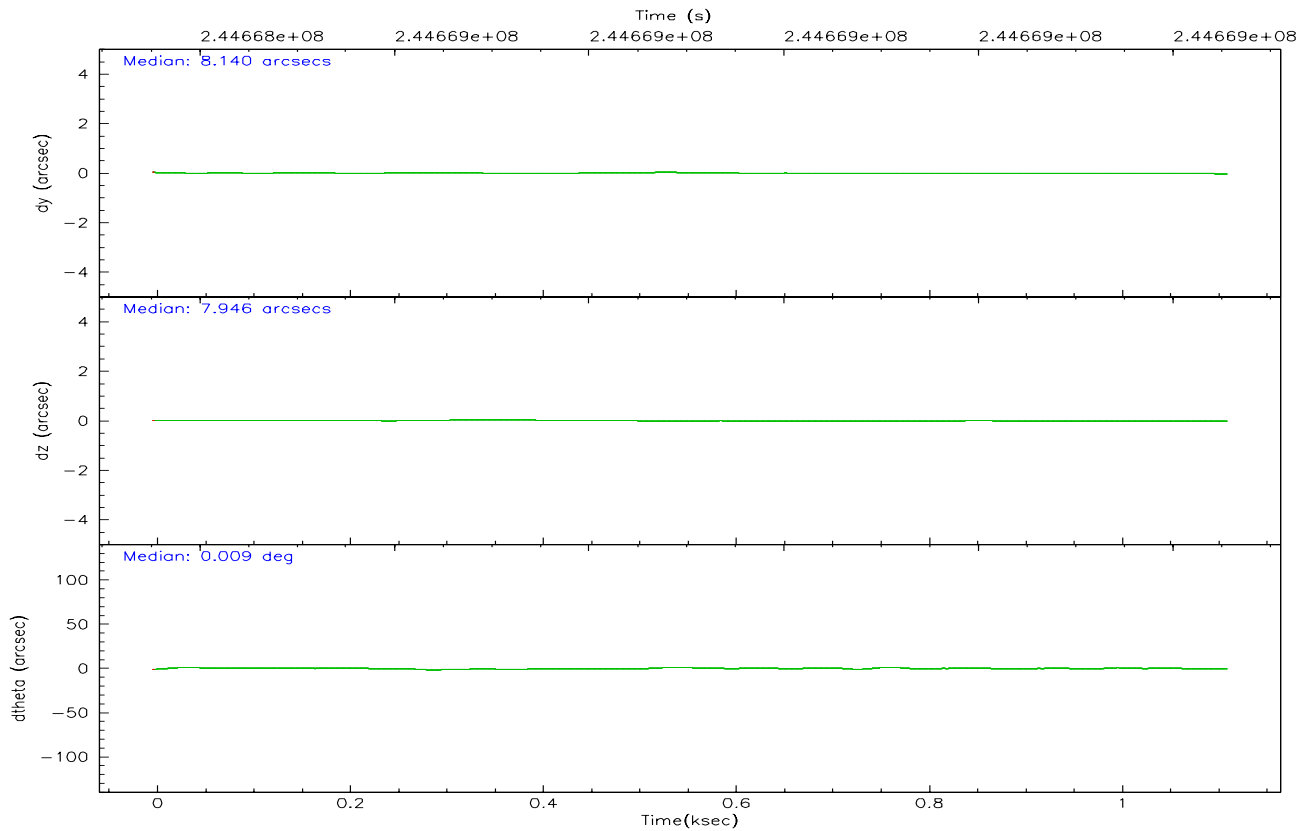
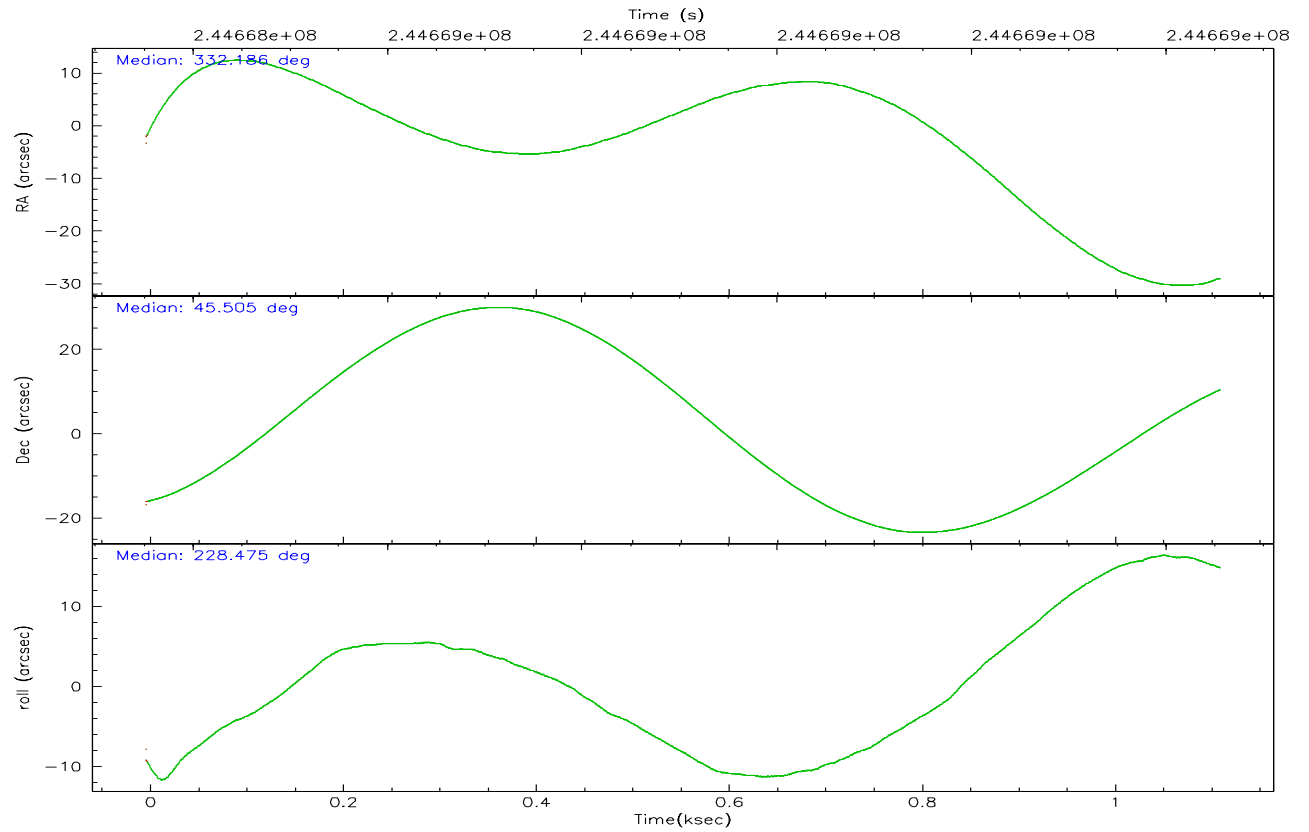
	segment 0
level 1 events	254024
rejected events	128453
rejected %	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	332.192505	332.1856295169536			
Pointing Dec	45.531924	45.50514846561834			
Pointing Roll	228.563674	228.4730155828696			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	244668511.184000	244667459.91864			
Observation start date	2005-10-02T19:27:27	2005-10-02T19:10:59			
Observation end time	244669461.184000	244669595.50624			
Observation end date	2005-10-02T19:43:17	2005-10-02T19:46:35			

2.3 Aspect



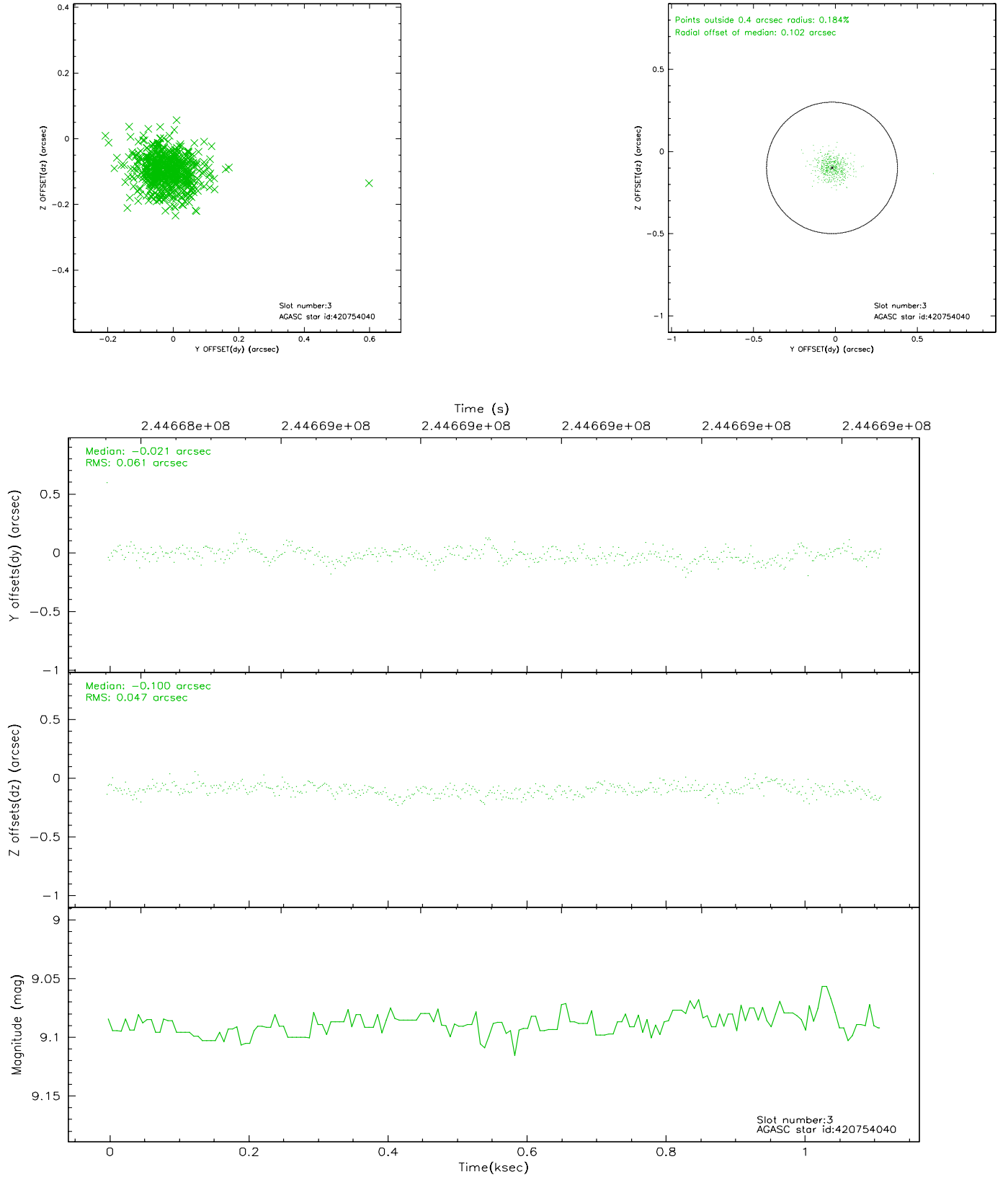


Slot Statistics

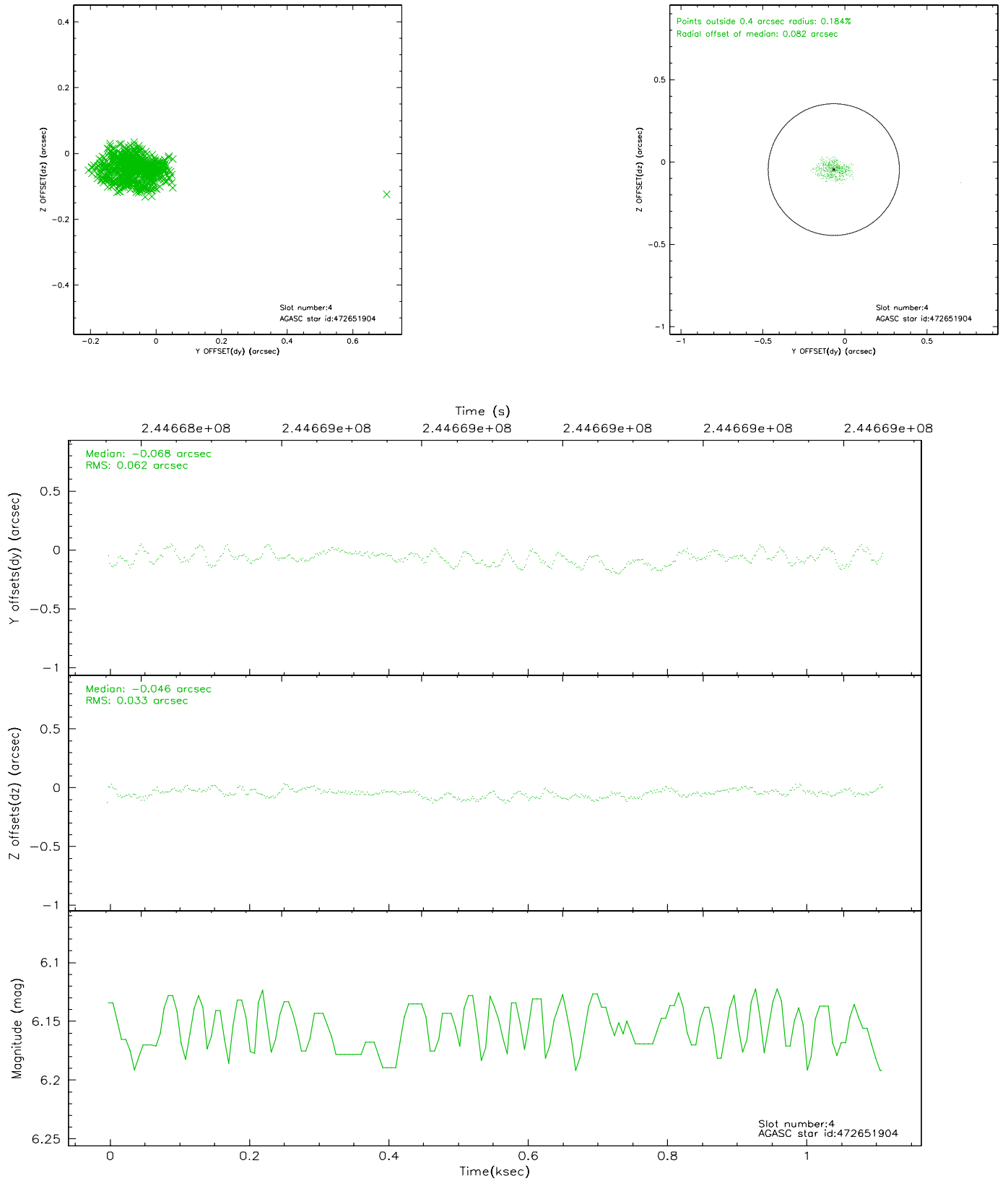
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	272	-0.009	0.055	0.010	0.018	0.000000	0.000000	-763.78	-1295.76
1	FID	HRC-I-2	7.03	272	0.159	-0.127	0.008	0.015	0.000000	0.000000	846.21	-1302.30
2	FID	HRC-I-3	7.08	272	-0.030	-0.016	0.009	0.023	0.000000	0.000000	-1189.15	1003.95
3	GUIDE	420754040	9.09	544	-0.021	-0.100	0.075	0.131	331.917939	44.882543	2214.67	1021.46
4	GUIDE	472651904	6.16	544	-0.068	-0.046	0.068	0.104	332.170077	45.742257	-526.40	-541.91
5	GUIDE	472655152	9.44	543	-0.005	0.075	0.099	0.164	332.504239	45.862991	-1412.77	-204.67
6	GUIDE	472527720	7.02	544	-0.023	0.136	0.077	0.118	331.460205	45.112509	2354.22	-401.49
7	GUIDE	472523760	8.24	543	0.118	-0.049	0.061	0.099	331.645363	45.403260	1263.45	-734.26

2.4 Star Slots

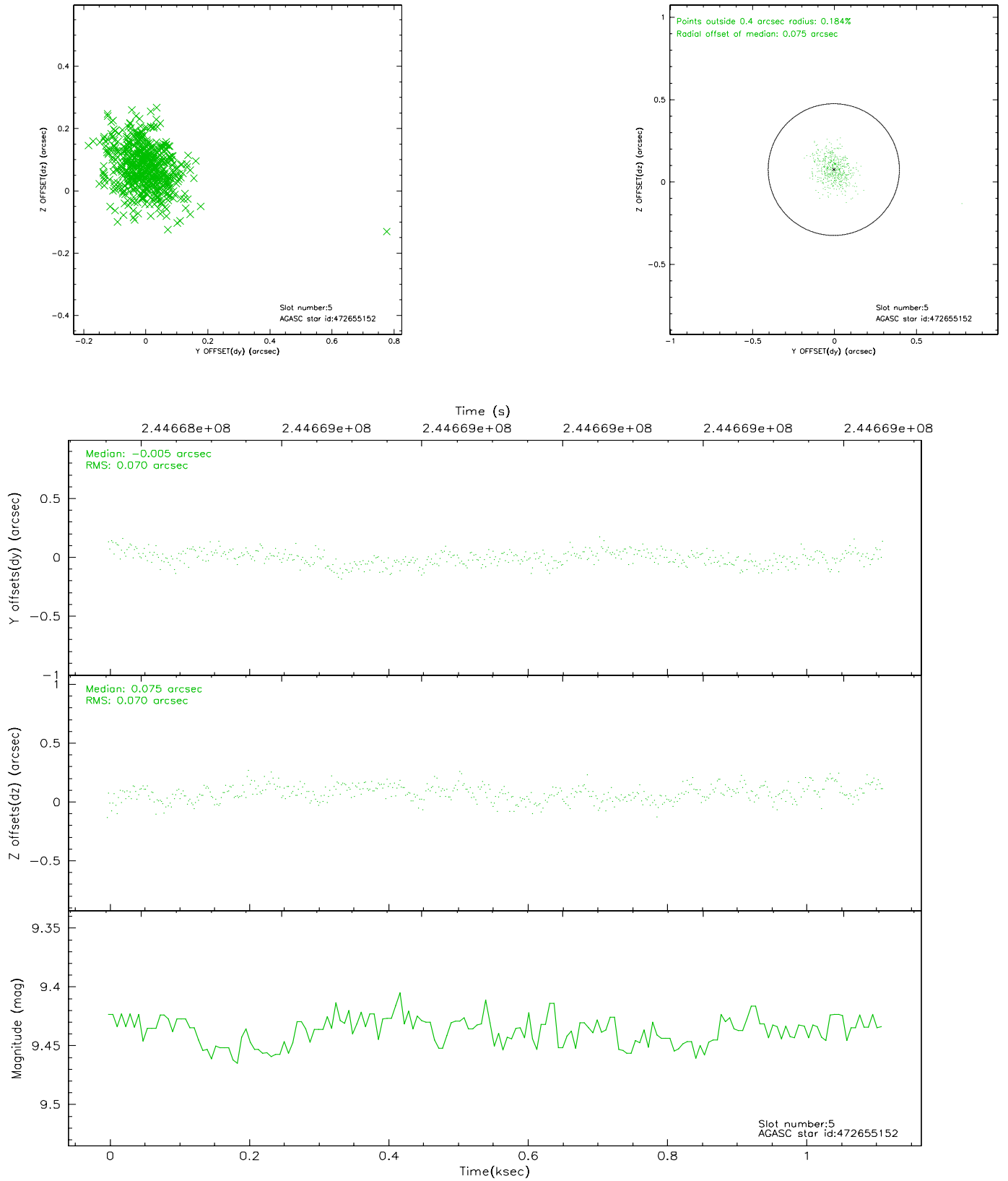
2.4.1 Slot 3



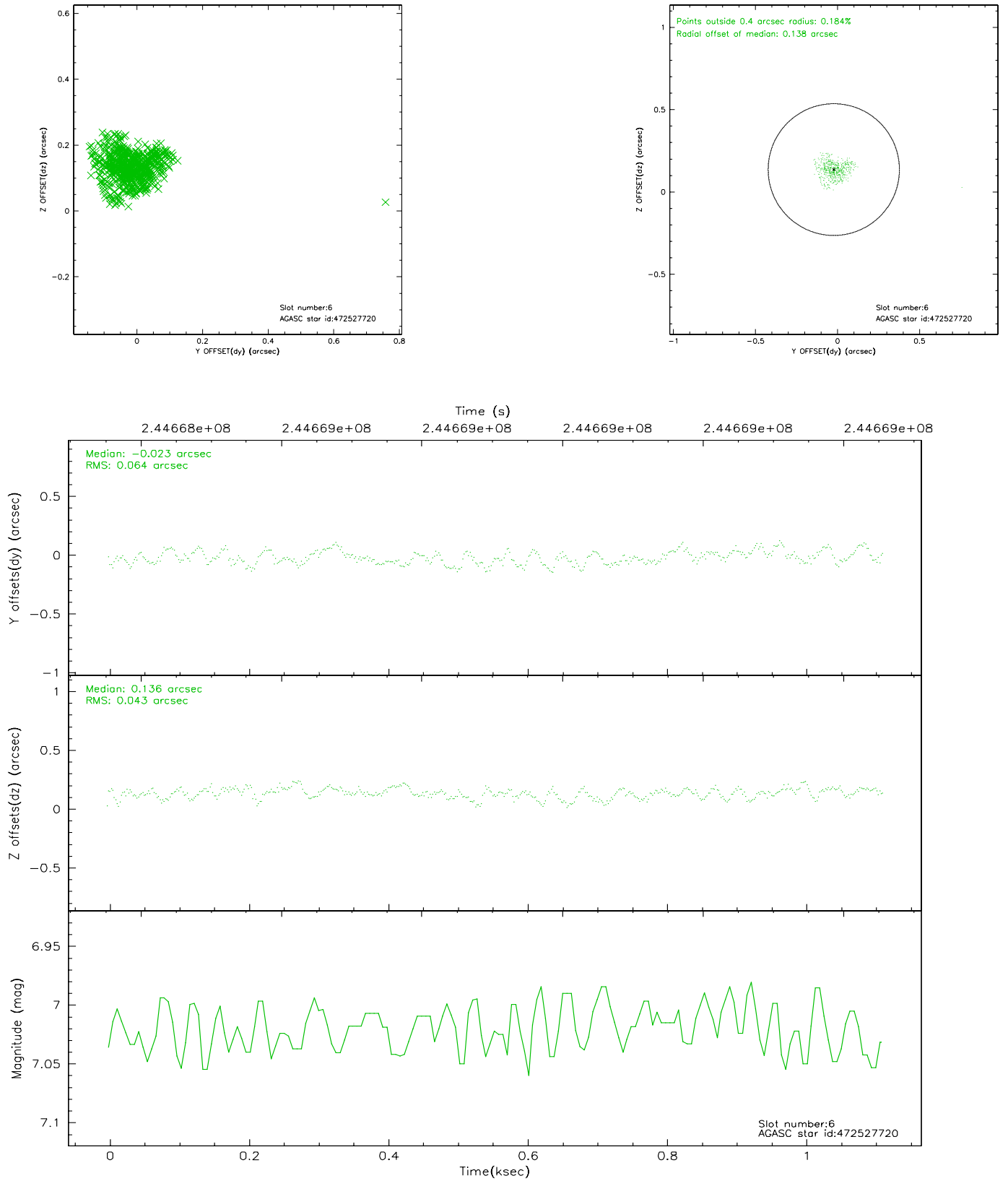
2.4.2 Slot 4



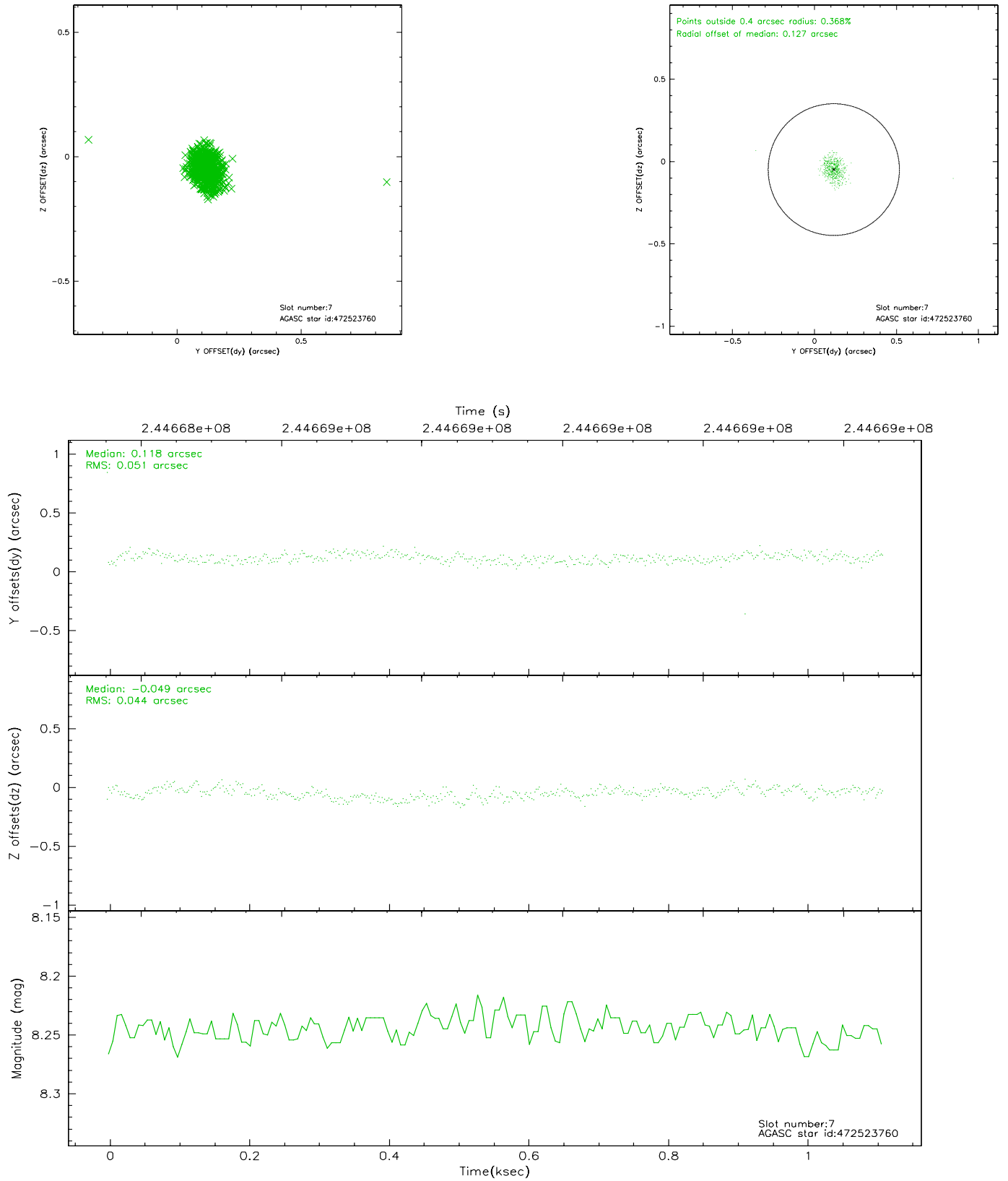
2.4.3 Slot 5



2.4.4 Slot 6

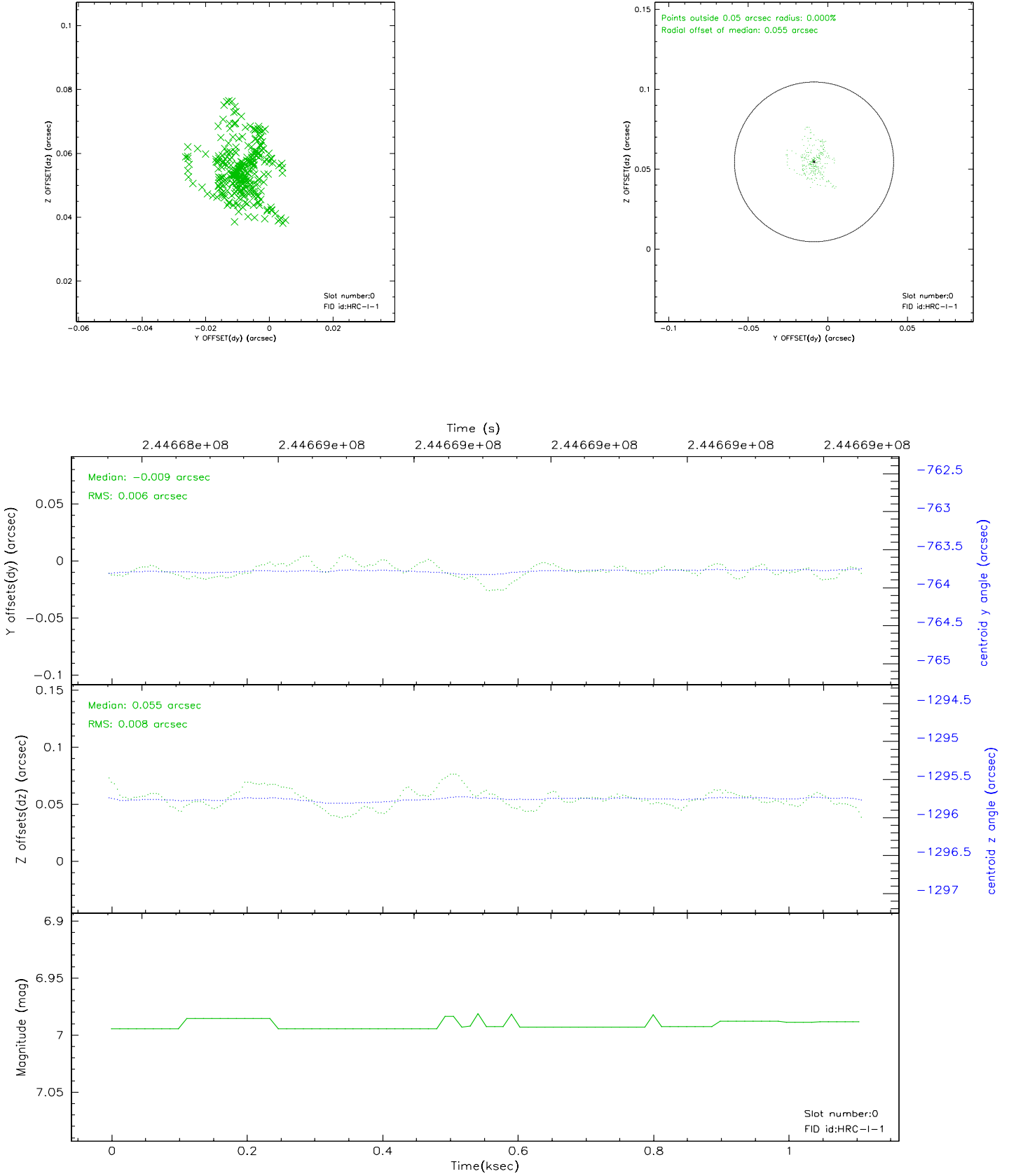


2.4.5 Slot 7

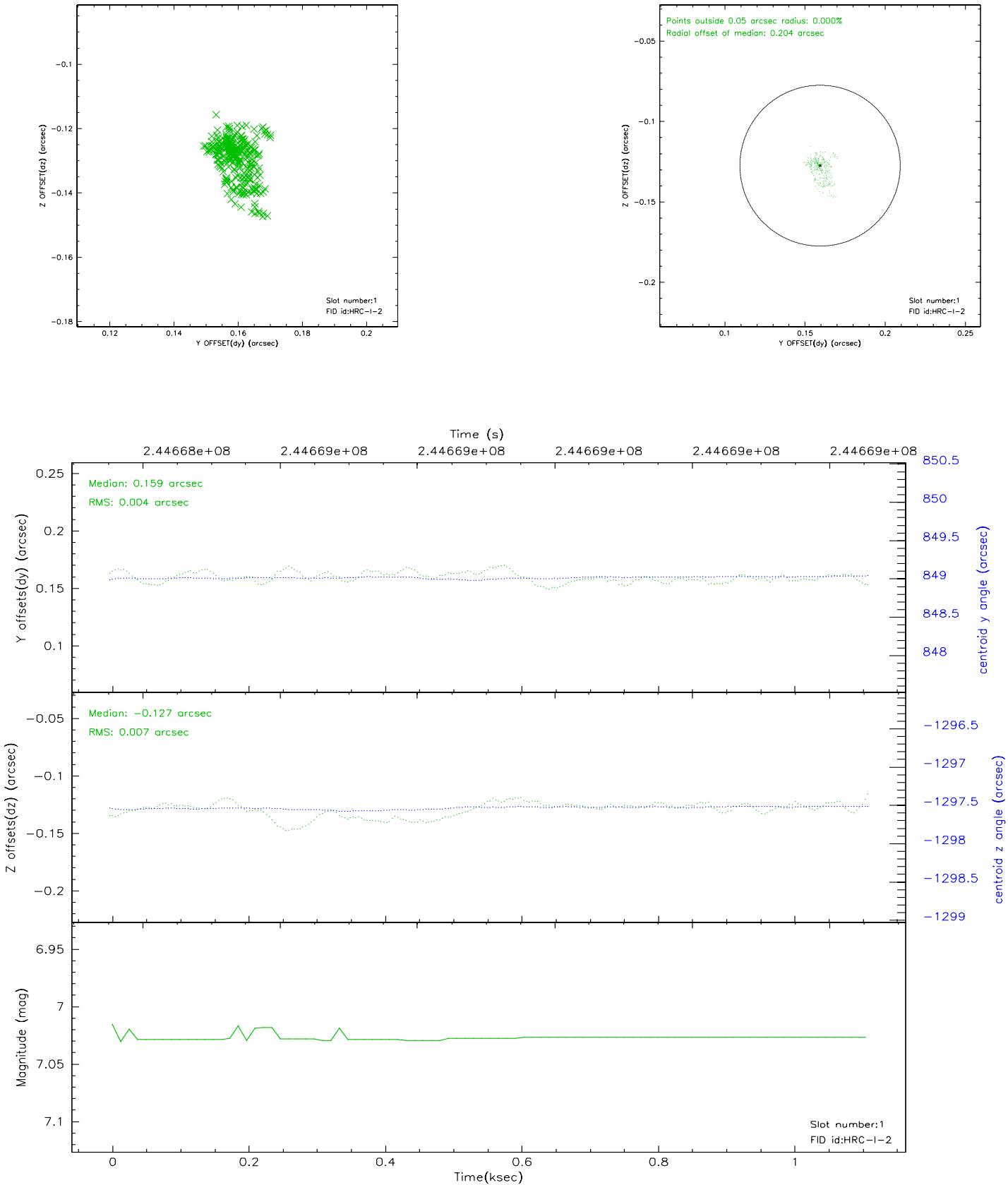


2.5 FID Slots

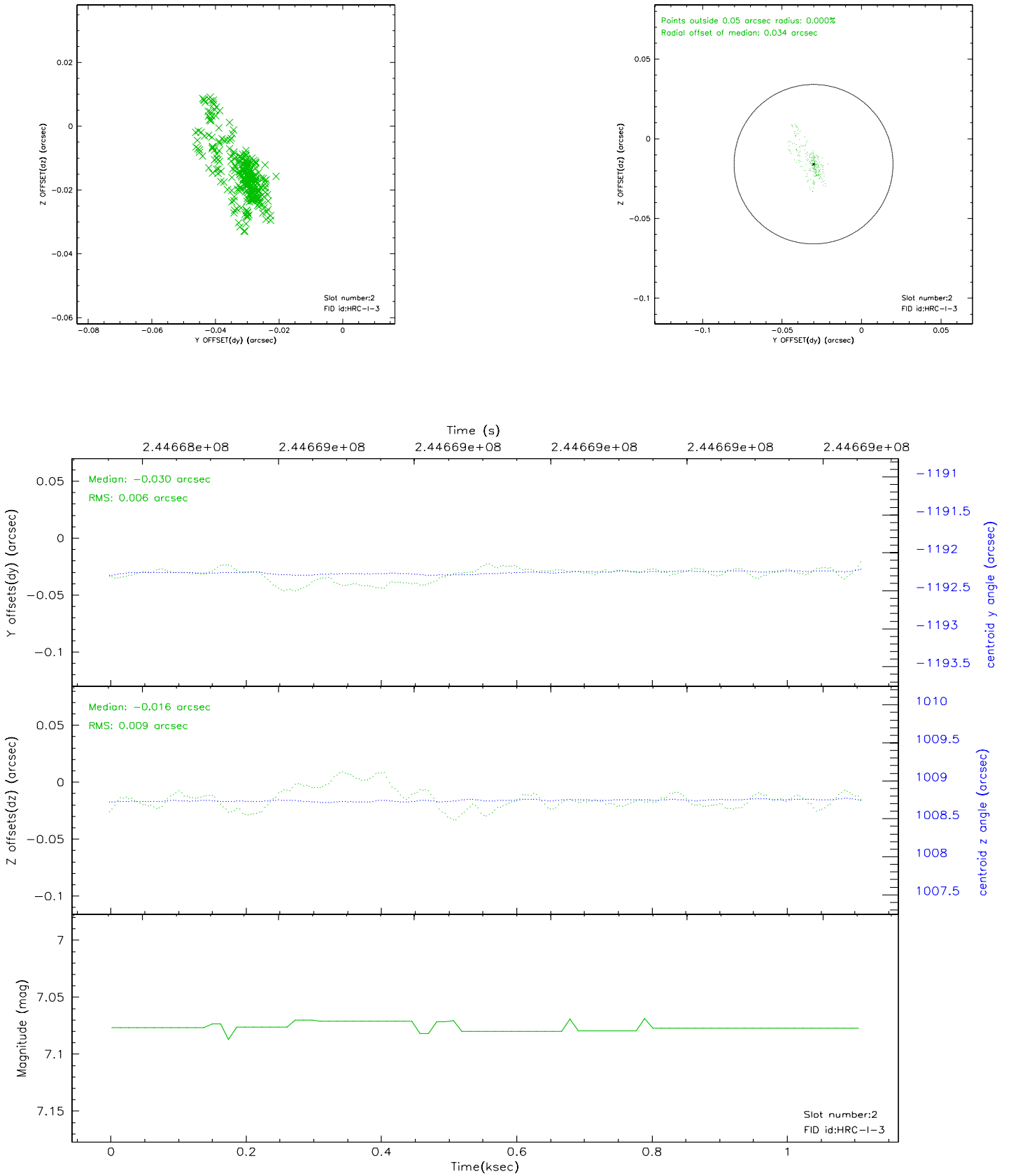
2.5.1 Slot 0



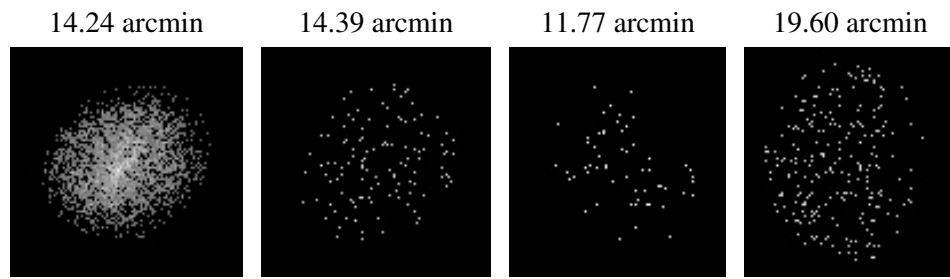
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.112381

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.